

CarScan Documentation

Please replace credentials in the application, with your MySQL credentials:

Change DB username & password to your MySQL DB username & password at below path:

Path: CarScan_Home_Assignment/src/main/resources/application.properties

- spring.datasource.username=yourMySQLUsername
- spring.datasource.password=yourMySQLPassword

Visual representation of APIs: <http://localhost:8085/swagger-ui/index.html>

JSON representation of APIs: <http://localhost:8085/v3/api-docs>

FAQ

Ques1: Get the list of all users?

GET Mapping

API: <http://localhost:8085/get-all-users>

UseCase: To get a list of carscan users

Output: [

```
{
  "mobileNumber": "7688398743",
  "fname": "OBINS",
  "lname": "CHOUDHARY",
  "dob": "12-02-1988",
  "city": "Johannesburg"
},
```

```
{
  "mobileNumber": "7745398741",
  "fname": "PAYAL",
  "lname": "GUPTA",
  "dob": "29-12-1995",
  "city": "Johannesburg"
},
{
  "mobileNumber": "8997398742",
  "fname": "CHANDER",
  "lname": "PRAKASH",
  "dob": "05-02-2001",
  "city": "Johannesburg"
},
{
  "mobileNumber": "9654398744",
  "fname": "Anmol",
  "lname": "Chhabra",
  "dob": "19-05-1998",
  "city": "Panipat"
},
{
  "mobileNumber": "9822398740",
  "fname": "AVADHUT",
  "lname": "JOSHI",
  "dob": "19-02-1990",
  "city": "Mumbai"
}
]
```

Ques2: Create a user?

POST Mapping

API: http://localhost:8085/save-user

Input:

```
{
  "fname": "Virat",
  "lname": "Kohli",
  "dob": "05-11-1988",
  "city": "Mumbai",
  "mobileNumber": "9888363143"
}
```

Output:

Case 1: If the user doesn't exist in DB.

Virat data saved successfully.

Case 2: If the user exists in DB.

Virat data already exists.

Ques3: How to update a user?

PUT Mapping

API: http://localhost:8085/update-user

Input:

```
{
  "fname": "Captain",
  "lname": "Kohli",
  "dob": "05-11-1988",
  "city": "Delhi",
  "mobileNumber": "9888363143"
}
```

Output:

Case 1: If the user exists in DB.

Output - FirstName(example- Captain) data updated successfully.

Case 2: If the user doesn't exist in DB.

Output - No such user exists.

Ques4: How to delete a user?

DELETE Mapping

API: <http://localhost:8085/delete-user/giveMobileNumberOfUserWhichYouWantedToDelete>

example- <http://localhost:8085/delete-user/9888363143>

Output:

Case 1: If the user exists in DB.

Output - FirstName(example- Captain) user data deleted successfully.

Case 2: If the user doesn't exist in DB.

Output - No such user exists.